

# Converting Colors

Hex(00973D)

Have a look what the booklet for  
Hex(00973D) contains.

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**Color**

**Hex(00973D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00973D
RGB	0, 151, 61
RGB Percent	0%, 59%, 24%
CMY	1.0000, 0.4078, 0.7608
CMYK	1.00, 0.00, 0.60, 0.41
HSL	144°, 100%, 30%
HSV	144°, 100%, 59%
XYZ	11.9089, 22.4701, 8.1244
YIQ	95.5910, -61.1060, -60.0020

# Conversions

## Conversions Part 2

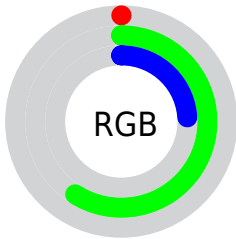
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 108, 151
Decimal	38717
CIELab	54.52, -53.78, 37.39
CIELCh	55, 65.500, 145.190
Yxy	22.4701, 0.2802, 0.5287
Android (android.graphics.Color)	4278228797 (0xFF00973D)
YUV	95.5910, -17.0534, -83.8333
Hunter-Lab	47.4027, -38.1104, 23.0201

# Details

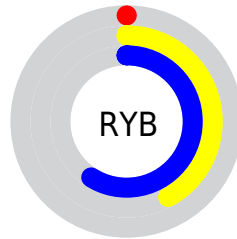
The Hex color **00973D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **97005A**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **56CE6F**, and **006209** is the 20% darker color. If you saturate the color by 10%, you get **00973D**, and if you desaturate by 10%, it is **0F9746**.

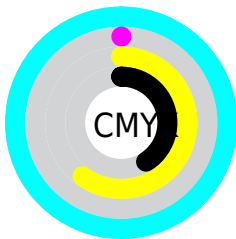
# Distribution



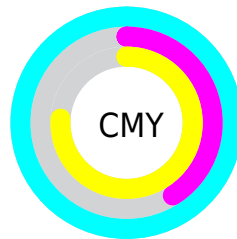
- Red (0%)
- Green (59%)
- Blue (24%)



- Red (0%)
- Yellow (42%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (60%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00973D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 00973D by changing the saturation by 10% instead.



 00973D

 00973D

FFFFFF

 007C24

 56CE6F

 006209

 74EB89

 004900

 92FFA4

 003200

 AFFFC0

 001800

 CDFFDC

 000000

 EAFF9

 00973D

 0F9746

 1E974F

 2D9758

 3C9761

 4C976A

 5B9773

 6A977C

 799785

 88978E

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6E8D00



00973D



009C77

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



00973D



008CF4



E54C56

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



00973D



97005A

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



E1478E



00973D



6D77EA

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



00973D



0098DF



BD5CC4



CD6522

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



00973D



009C9F



BD5CC4



E74768



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



00973D



89C4A1



5B9700



40634E



E3E3E3



636363



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



00973D



00C44F



009788



454D48



008C39



000D05



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



97005A



C40075



97000F



4D4549



8C0054



0D0008



# Previews

## White Background



This preview shows how the Hex color 00973D looks on a white background.

## Color Contrast Check

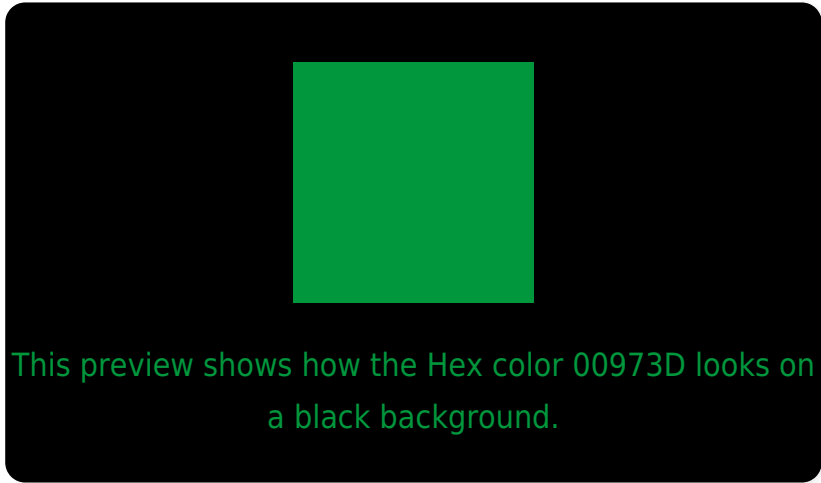
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00973D Background



This preview shows how black text looks on a background with the Hex color 00973D.

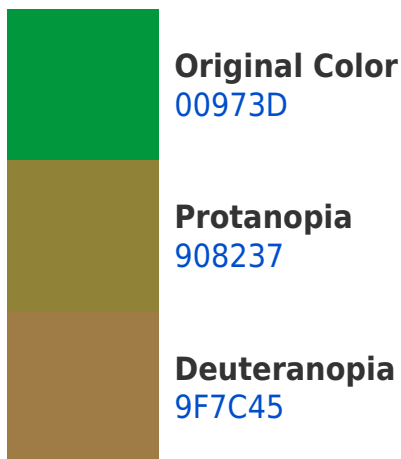


This preview shows how white text looks on a background with the Hex color 00973D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
3C8E99

# Trichromacy



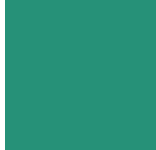
**Original Color**  
00973D



**Protanomaly**  
5C8A39



**Deuteranomaly**  
658642



**Tritanomaly**  
269178

# Monochromacy



**Original Color**  
00973D



**Achromatopsia**  
606060



**Achromatomaly**  
3D7453

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00973D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #00973D looks like.

```
.text, #text, p{  
    color:#00973D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #00973D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00973D
}
```

## Border

The CSS property to change the border of an element to Hex 00973D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00973D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#00973D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #00973D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00973D; -webkit-box-shadow:4px 4px  
4px 4px #00973D; box-shadow:4px 4px 4px  
4px #00973D }
```

# Background

The CSS property to change the background color of an element to Hex 00973D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00973D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#00973D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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